Bluetooth™

User's Guide

SR10

Bluetooth®
Two-way Radio Adapter

SENA

www.senabluetooth.com

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1. INTRODUCTION

Thank you for choosing the Sena SR10. The SR10 is a Bluetooth two-way radio adapter and mobile phone handsfree gateway based on Bluetooth 2.1+EDR technology. Users can connect various two-way radios in the market with the SR10 and connect wirelessly to a variety of Bluetooth communication headsets. At the same time, as a Bluetooth mobile phone handsfree gateway, the SR10 lets users connect Bluetooth headsets to mobile phones as well. With the SR10, users can use a handheld two-way radio and a Bluetooth mobile phone simultaneously with a single Bluetooth headset.

The SR10 has two AUX input ports for wired connection of non-Bluetooth devices such as GPS, radar detector, laser detector, or non-Bluetooth mobile phone. Along with the SR10, users can talk by phone or by two-way radio at the same time, listen to the radar detector alarm or GPS voice guidance.

The SR10 can cover such a variety of applications including motorcycle CB communications, outdoor sports activities, event security, hunting, motorsports pit crew and other forms of intercom communications.

Please read this user's guide carefully before using the SR10. Also refer to **www.senabluetooth.com** for the latest version of the user's guide and additional information related to Sena Bluetooth products.

Features:

- Bluetooth handsfree adapter for two-way radios
- Bluetooth handsfree gateway for Bluetooth mobile phones
- Connect a two-way radio and a mobile phone simultaneously
- Compatible with standard stereo or mono Bluetooth headsets
- Two AUX inputs for wired connection of non-Bluetooth devices; GPS, radar detector, laser detector or non-Bluetooth mobile phone
- Motorcycle handlebar mount and belt clip
- 12V bike-powered kit with on/off control by ignition switch
- Water resistant for use in inclement weather
- Firmware upgradeable
- Two-year limited warranty

Technical Specifications:

- Bluetooth 2.1+EDR
- Supporting profiles: Headset Profile, Hands-Free Profile (HFP)
- Operating time: 12 hours
- Standby time: 10 days
- Battery charging time: 3.5 hours
- Lithium polymer battery
- Dimensions: 108 mm × 52 mm × 29 mm (4.3 in × 2.0 in × 1.1 in)
- Weight: 81g (2.86 oz)
- CE, FCC, TELEC, IC

2. PACKAGE CONTENTS

- ***Main Unit***

Pairing Button
- Bluetooth Headset Pairing Mode
- Mobile Phone Pairing Mode

PTT Button
- Transmit Radio
- Open Audio Channel

DC Power Charging & Firmware Upgrade Port

AUX2 Port
- Mobile Phone, GPS Navigation, Radar/Laser Detector

Main Port
- 6-pin Hirose Connector for Two-way Radio Devices

AUX1 Port
- GPS Navigation or Radar/Laser Detector

2.5mm Jack for Wired PTT Button

- ***USB Power & Data Cable***

- ***3.5mm Audio Jack Cable***

- ***Wired PTT Button Extension***

- ***Belt Clip Kit***

- ***Handlebar Mounting Kit***

- ***12V cigarette charger type bike-powered kit***

3. INSTALLING THE SR10

3.1 Installing on the Handle Bar

1. Place the rubber on the back of the main unit.
2. Put the joint pad on top of the rubber, and tighten the screw.
3. Place the main unit on the handle bar, wind the rubber band, and hang it on the hook.

3.2 Placing on the Belt/Pocket

1. Place the belt-clip on the back of the main unit, and tighten the screw.
2. Place the main unit on the belt with belt-clip.

4. POWERING ON/OFF AND CHARGING

To power on and off the adapter, you don't need to press and hold any button for several seconds. Just short press the Pairing Button and the PTT Button simultaneously, and you will get quick on-and-off convenience.

4.1 Powering On

Press and hold the Pairing Button and the PTT Button at the same time for about 1 second to turn the power on. When the power is on, the blue LED light turns on.

4.2 Powering Off

Press the Pairing Button and the PTT Button at the same time for about 1 second to turn the power off. The red LED light turns on for about 3 seconds. The SR10 is now powered off.

4.3 Charging

The red LED light is visible while charging. It takes about 3.5 hours to be completely charged. When it is completely charged, the LED turns to blue.

4.4 Bike-powered Charger Kit

If the motorcycle has key-on power outlet, the SR10 is automatically powered on and off by using the 12V cigarette charger type bike-powered kit.

4.5 Low Battery Warning

When the battery is running low, the red LED light will flash.

5. PAIRING THE SR10 WITH BLUETOOTH DEVICES

5.1 Bluetooth Headset Pairing

1. Turn on your Bluetooth headset and enter pairing mode, following the Bluetooth headset manual.
2. Turn on the SR10 and press and hold the Pairing Button for 5 seconds until the LED flashes red and blue alternatively.
3. When the pairing is successful, the blue LED flashes slowly.

5.2 Bluetooth Mobile Phone Pairing

1. Turn on the SR10 and press and hold the Pairing Button for 8 seconds until the red LED is rapidly flashing. Search for Bluetooth devices on your mobile phone. The SR10 will be listed on your mobile phone.
2. Enter 0000 for the PIN. (Some mobile phone may not ask for the PIN.)
3. The SR10 will be paired as “headset”. This profile is normally recommended for most mobile phones.
4. When pairing is done, the red LED flashes slowly.

6. USING THE SR10

6.1 Using Two-way Radios

1. When SR10 is turned on and connected with a hand held two-way radio, the audio from the two-way radio will be directly sent to your Bluetooth headset. You can use the Bluetooth headset as a handsfree device for the two-way radio.
2. To talk using the two-way radio through SR10, press and hold the PTT Button until you finish talking.

6.2 Installing Wired PTT Button

1. Place the PTT Button on the motorcycle handlebar grip or any other place where you can easily reach it.
2. Wind up the rubber band on the handlebar grip and hang it on the hook.

6.3 Ports and Cables

The SR10 has one Main Port and two AUX ports for wired connection with other devices.

Below is a list of compatible cables and devices:

- Main: 6-pin Hirose connector type two-way radio cable *
- AUX1: 3.5mm 3-pole audio jack cable for GPS, radar detectors or laser detectors **
- AUX2: 3.5mm 3-pole audio jack cable for GPS, radar detectors or laser detectors, or 3.5mm 4-pole mobile phone cables for mobile phones *

For information on model specific 6-pin Hirose connector type two-way radio cables, please visit **www.senabluetooth.com.**

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* Not included in the package. Must be purchased separately.

** Included in the package.

6.4 Using Mobile Phone

6.4.1 For Bluetooth Wireless Connection

When the SR10 is paired with a Bluetooth headset and a Bluetooth mobile phone, the Bluetooth headset will provide Hands-Free Profile for your mobile phone. The SR10 redirects mobile phone calls and two-way radio communications to the Bluetooth headset simultaneously so that a Bluetooth headset could be used for both the mobile phone and hand held two-way radio.

6.4.2 For Wired Connection

Users can connect a mobile phone to the AUX2 Port by wire in order to use Bluetooth handsfree. In this case, the SR10 combines audio from the Main Port and the AUX2 Port together and redirects to the Bluetooth headset. For information on mobile phones and cable compatibility, please visit **www.senabluetooth.com/support.**

6.5 Audio Channel Open and Close

As soon as incoming audio signal from the wired devices (two-way radio, mobile phone, GPS or radar detector) is detected by the SR10, the SR10 immediately makes a connection to the Bluetooth headset and consequently users can hear a certain sound. The examples of triggering audio signals are sound of the two-way radio incoming signal, GPS voice instruction, radar

detector alarm or mobile phone ringtone. If there is no incoming sound from the wired devices for a certain period of time, the SR10 disconnects itself from the Bluetooth headset.

Even if there is no incoming sound from the wired devices, users can also connect the SR10 manually to the Bluetooth headset by double tapping the PTT Button. Users can also double tap the PTT Button while the SR10 is already connected to the Bluetooth headset to prevent it from disconnecting itself automatically. To disconnect the SR10 from the Bluetooth headset in this case, the user needs to double tap the PTT Button again.

When users need to keep the audio channel to be closed for a certain time, they can triple tap the PTT Button to disconnect the SR10 to the Bluetooth headset for 3 minutes. Locking the audio channel is maintained during the time even if there is an incoming sound from the wired devices. But the locking becomes released when users double tap the PTT on the SR10 or wait for 3 minutes.

Action	Current Condition	Result
Double Tapping the PTT Button	If audio channel is not open	Audio channel will be open until manually closed
	If audio channel is already open by incoming audio	Keeping audio channel open until manually closed
	If audio channel is already open by PTT double tapping	Close audio channel
Triple Tapping the PTT Button	When users need to keep the audio channel closed for a certain time	Disconnect the SR10 from the Bluetooth headset for 3 minutes

6.6 Reset to Factory Default Settings

1. To restore the SR10 to factory default settings, press and hold the Pairing Button for 12 seconds until the LED shows solid red.
2. Within 5 seconds, press the Pairing Button again to confirm reset. The SR10 will be restored to factory settings and switched off automatically after the blue LED flashes several times.
3. If you don't press the Pairing Button within 5 seconds, the reset attempt is canceled and the SR10 returns to standby mode.

6.7 Fault Reset

If the SR10 is not working properly or is in a faulty status for any reason, you may reset by pushing the small reset button at the top of the SR10 main unit. By using a paper clip or a pencil tip, lightly press and hold the reset button for 1 second. The SR10 will be switched off. Turn the SR10 back on to use it. However, this will not restore the SR10 to factory default settings.

6.8 Firmware Upgrade

The SR10 supports firmware upgrade function. Please visit Sena Bluetooth web site at **www.senabluetooth.com** to check the latest software downloads.

7. QUICK REFERENCE

• Buttons

Button	Description	Duration	LED
Pairing Button + PTT Button	Power-on	On	Solid blue
	Power-off	1 sec	Solid red
Pairing Button	Bluetooth headset pairing	5 sec	Blue & red alternatively flashing
	Mobile phone pairing	8 sec	Red flashing
	Factory reset	12 sec	Solid red
	Factory reset confirm	Tapping	Blue flashing
PTT Button	Two-way radio transmitting audio	-	Solid blue

• LED Status

LED	Description
Blue Flashing Every 2 Seconds	No headset connected
Slow Blue Flashing	Headset connected and standby
Slow Red Flashing	Mobile phone connected and standby
Blue Double Flashing	Headset audio channel is opened
Red Double Flashing	Bluetooth phone call is in progress
Rapid Blue Flashing	Probing paired headset
Rapid Red Flashing	Low battery
Solid Blue	PTT Button pushed

• LED Status While Charging

LED	Description
Solid Red	Charging
Solid Blue	Fully charged

BATTERY INFORMATION

The SR10 has an internal, non-removable, rechargeable battery. Do not attempt to remove the battery from the device as you may damage the device. The battery can be charged and discharged hundreds of times, but it will eventually wear out. Recharge the battery only with Sena approved chargers designated for this device. Use of an unapproved charger may present a risk of fire, explosion, leakage, or other hazard.

Always try to keep the battery between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily. Battery performance is particularly limited in temperatures well below freezing.

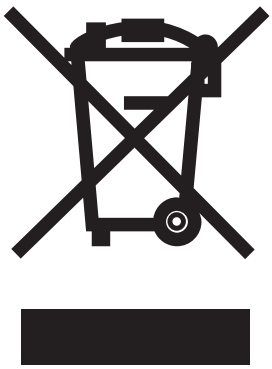
Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Never use any charger that is damaged. Operating times are estimates only and depend on the devices used together, features used, battery age and condition, temperatures to which battery is exposed, and many other factors.

MAINTENANCE AND CARE

The SR10 should be treated with care and the following suggestions will help you protect your warranty coverage.

1. Do not use or store the device in dusty, dirty areas. Its moving parts and electronic components can be damaged.
2. Do not store the device in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and wrap or melt certain plastics.
3. Do not store the device in cold areas. When the device returns to its normal temperature, moisture can form inside the device and damage electronic circuit boards.
4. Do not attempt to open the SR10.
5. Do not drop or knock the device. Rough handling can break internal circuit boards and fine mechanics.
6. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
7. Do not paint the device. Paint can clog the moving parts and prevent proper operation.

DISPOSAL



The crossed-out wheel bin symbol on the product, literature, or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies to the European Union and other locations where separate collection systems are available. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please do not dispose of these products as unsorted municipal waste, but hand it in at an official collection point for recycling.

CERTIFICATION AND SAFETY APPROVALS

• FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

• FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. The antenna used for this transmitter must not transmit simultaneously with any other antenna or transmitter, except in accordance with FCC multi-transmitter product procedures.

• FCC Caution

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user's authority to operate the equipment.

• CE Declaration of Conformity

This product is CE marked according to the provisions of the R&TTE Directive (99/5/EC). Hereby, Sena declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For further

information please consult **http://www.senabluetooth.com.** Please note that this product uses radio frequency bands not harmonized within EU. Within the EU this product is intended to be used in Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, United Kingdom and within EFTA in Iceland, Norway and Switzerland.

• Industry Canada Statement

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

• Bluetooth License

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Sena is under license. Other trademarks and trade names are those of their respective owners. The SR10 is compliant with and adopts the Bluetooth® Specification 2.1+EDR and has successfully passed all interoperability tests that are specified in the Bluetooth® specification. However, interoperability between the device and other Bluetooth®-enabled products is not guaranteed.

WAIVER AND GENERAL RELEASE

By using the SR10, you waive any legal rights including the right to sue. Please read the following carefully before using the device. If you do not accept all terms of this agreement, you should immediately return the product for a full refund. By using the SR10, you agree to be bound to this agreement and forfeit the right to sue. Using a communication device while riding a motorcycle, scooter, moped, ATV, quad-bike or any other vehicle or equipment, whether on land, water or air (jointly referred to as "Vehicle") requires your complete and undivided attention. Sena Technologies, Inc., including its Officers, Directors, Affiliates, Parent Company, Representatives, Agents, Contractors, Sponsors, Employees, Suppliers and Resellers (jointly referred to as the "Company" or "Sena") strongly advises you to take all necessary precautions and remain alert to the traffic, weather and road conditions if you choose to use the SR10, including all derivative models irrespective of its commercial name or branding (the "Device"), and stop your Vehicle on the roadside prior to initiating or receiving calls. Any publications, advertisements, announcements or similar notes that refer to using the Device while riding a Vehicle are solely intended to address its technical capabilities and should not be misconstrued as if encouraging users to operate the Device while actively involved in traffic.

By way of purchasing this Device and not returning it for a full refund (see below), you are irrevocably releasing, indemnifying from any liability, loss, claim and expense (including attorneys fees) and holding Sena harmless for any bodily injuries, harm or death as well as losses or damages in goods, to any Vehicles including your own, or to any property or asset that belong to you or to third parties, any of which may result from using the Device under any circumstances or conditions and irrespective of jurisdiction. Sena will not be responsible for any physical damages, irrespective of reasons, conditions or circumstances, including malfunctioning of the Device, and all risks associated with operating it rest solely and entirely with the user of this Device, irrespective of whether the Device is used by the original purchaser or any third party.

Sena hereby notifies you that using this Device may also be in contravention to local, federal, state or national laws or regulations, and that any use of the Device is entirely at your sole risk and responsibility.

1. You, your heirs, legal representatives, successors or assigns, hereb y voluntarily and forever release, discharge, indemnify and hold har mless Sena from any and all litigation, claims, debts, demands, actions and liability which may arise, directly or indirectly, from using the Device for any distress, pain, suffering,

discomfort, loss, injury, death, damages to or in respect to any person or property however caused, WHETHER ARISING FROM THE NEGLIGENCE OR OTHERWISE, and which may hereafter accrue to you on some future date as a result of said use, to the fullest extent permitted by law.

2. You fully understand and assume the risks in using the Device, including risk of negligent acts or omissions by others.
3. You confirm that you are physically capable to use the Device and that you have no medical conditions or needs that may infringe upon your abilities to do so in a safe manner. You confirm that you are at least eighteen (18) years of age and that you have been advised of the risks associated with the use of the Device. You further confirm that you will not consume any alcohol that may affect your alertness or any mind-altering substance, and will not carry, use or consume these substances before or during the use of the Device.
4. You fully acknowledge our warnings and understand that: (a) risks and dangers exist in using the Device while in traffic, including but not limited to injury or illness, strains, fractures, partial and/or total paralysis, death or other ailments that could cause serious disability; (b) these risks and dangers may be caused by the negligence of the manufacturers or its agents or any third party involved in designing or manufacturing the Device; (c) these risks and dangers may arise from

foreseeable or unforeseeable causes. You hereby assume all risks and dangers and all responsibility for any losses and/or damages, whether caused in whole or in part by the negligence or other conduct of others, including the Company.

5. You confirm that you have read this release of liability and fully understand its terms and that you have given up substantial rights by not returning the Device for a full refund (see refund option below).

• Two-Year Limited Warranty

Sena Technologies, Inc. ("Sena") warrants that this product ("Product") shall conform to and perform in accordance with published technical specifications and the accompanying written materials, and shall be free of defects in materials and workmanship, for a period of two (2) year from the date of purchase by the first consumer purchaser of the Product. The limited warranty extends only to the original consumer purchaser of the Product and is not assignable or transferable to any subsequent purchaser/end-user. This warranty is limited to the repair and/or replacement, at Sena's discretion, of defective or non-conforming Product, and Sena shall not be responsible for the failure of the Product to perform specified functions, or any other non- conformance caused by or attributable to: (a) any misapplication or misuse of the Product; (b) failure of Customer to adhere to any of Sena's specifications or

instructions; (c) neglect of, abuse of, or accident to, the Product; or (d) any associated or complementary equipment or software not furnished by Sena.

Limited warranty service may be obtained by delivering the Product to Sena or to the international distributor it was purchased through and providing proof of purchase or receipt date. Customer agrees to insure the Product or assume the risk of loss or damage in transit, to prepayshipping charges to Sena, and to use the original shipping container or equivalent.

• Limitation of Liability

EXCEPT AS EXPRESSLY PROVIDED HEREIN, Sena MAKES NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, WITH RESPECT TO ANY EQUIPMENT, PARTS OR SERVICES PROVIDED PURSUANT TO THIS AGREEMENT, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NEITHER Sena NOR ITS DEALER SHALL BE LIABLE FOR ANY OTHER DAMAGES, INCLUDING BUT NOT LIMITED TO DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES,WHETHER IN AN ACTION IN CONTRACT OR TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY), SUCH AS, BUT NOT LIMITED TO, LOSS OF ANTICIPATED PROFITS OR BENEFITS RESULTING FROM,

OR ARISING OUT OF, OR IN CONNECTION WITH THE USE OF FURNISHING OF EQUIPMENT, PARTS OR SERVICES HEREUNDER OR THE PERFORMANCE, USE OR INABILITY TO USE THE SAME, EVEN IF Sena OR ITS DEALER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL Sena OR ITS DEALERS TOTAL LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT.

- **Return for Full Refund**

IF YOU ARE UNWILLING TO ACCEPT AND AGREE TO THE ABOVE CONDITIONS, YOU MAY RETURN THIS DEVICE TO Sena FOR A FULL REFUND, PROVIDED THAT YOU DO SO NO LATER THAN 14 BUSINESS DAYS FOLLOWING THE PURCHASE OF THE DEVICE AND SUBJECT TO THE WRAPPING BEING INTACT. WHEN DOING SO, PLEASE REFER TO THIS SECTION. BY NOT RETURNING THE DEVICE FOR REFUND WITHIN THE PERIOD PROVIDED, YOU ARE EXPLICITLY IN AGREEMENTWITH THE ABOVE AND RENOUNCE ALL RIGHTS TO FUTURE CLAIMS AND DEMANDS AGAINST Sena AS DEFINED ABOVE.

WARNING

Sena informs that using this device in public traffic may not be authorized by the law. Please check your local law and use this device only out of public traffic such as private properties or closed circuits. Sena denies any liability should you choose not to respect this warning.

RoHS
Compliant